

FETAL MONITOR

FM 150

PRODUCT FEATURES

- FHR, TOCO, FM and activity curve of fetus can be monitored. Display of fetal movement count (auto or manual mode) is available
- Programmable Alarm on probe off-position and abnormal FHR
- Built-in 152 mm Thermal Printer with adjustable tracing speed
- Twin Monitoring Function (optional)
- Foldable handle
- 12.1 inch high resolution LCD display
- 0-90 degree adjustable screen

Standard Configuration

FM 150 - FHR, TOCO, Fetal movement, 152mm built in printer and battery.

FM 150 PLUS - FHR, TOCO, Fetal movement, ECG, NIBP, SpO₂, HR/PR, 2RESP, 2- TEMP, 152mm built in printer and battery.

Optional Configuration

Twin FHR, Wireless Terminal, High Energy Battery, Wall Mount, Moving Cart, Fetal Wake Up Stimulator, Wireless Network, 12 Volt Power Supply, Auto Fetal Score Analysis.



Technical Specifications

FHR	Ultrasound Frequency Ultrasound input intensity Range Accuracy Alarm limit & tolerance	1 MHz \pm 10% impulse wave <10 mW/cm ² 30-240 bpm \pm 1 bpm Max: 70 - 210 bpm, Tolerance: \pm 5% Min: 60 - 200 bpm, Tolerance: \pm 5%
TOCO	Measurement range Resolution tolerance Pressure tolerance Zero-mode	0-100% 1% $\leq \pm$ 8% Manual
Fetal Movement	Count mode Printer Printing paper type Paper width Sweep speed Power requirement Storage Battery Backup Safety Classification	Manual, automatic (with automatic fetal movement waveform) Thermal Foldable Z-type thermal paper 152 mm 1 cm/min, 2 cm/min, 3 cm/min quick recall printing 100-240 VAC, 50/60 Hz >24 Hours 4 Hours CE, Class II, BF type, MDD/93/42/EEC
ADDITIONAL MATERNAL PARAMETERS AVAILABLE IN FM 150 PLUS		
ECG	Input Lead section Gain selection Sweep speed Heart rate range Calibration Accuracy	3/5 wires ECG cable I, II, III aVR, aVL, aVF, V x1/4, x1/2, x1, x2, x4 and automatic 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s 15-300 bpm \pm 1 mv \pm 1 bpm or +1% (select the bigger data)
NIBP	Measurement Range Accuracy Resolution	SBP: 30-270 mmHg DBP: 10-200 mmHg MAP: 20-220 mmHg Static: \pm 3 mmHg 1 mmHg
SpO2	Display type Measurement range Accuracy SpO2 resolution Pulse rate range Accuracy PR Resolution	Waveform, Data 0-100% \pm 3% (between 70%-100%) 1% 30-250 bpm \pm 1 bpm or \pm 2% (select the bigger data) 1 bpm
2 Temperature (Rectal & Surface)	Number of Channel Measurement range Accuracy Resolution Display Unit	2 channel 25 °C-45 °C \pm 0.2 °C 0.1 °C T1, T2, Δ T °C/°F selection
2-Respiration (Impedance & Nasal Tube)	Measurement range Accuracy Resolution	0-120 bpm \pm 1 bpm or \pm 5%, select the bigger data 1 bpm



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